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PART III—SECTION 2

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 23rd May 1964

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

2nd May 1964

- 93575. Council of Scientific and Industrial Research. A method to avoid cracking and warping of tiles made from plastic soils.
- 93576. Bright Brothers Private Limited. Improvements in or relating to flushing cisterns.
- 93577. Foremost Dairies, Inc. Sterilizing method.
- 93578. Power Jets (Research & Development) Limited. Improvements in or relating to pressure exchanger plant. (8th May 1963).
- 93579. Power Jets (Research & Development) Limited. Improvements in or relating to pressure exchanger plant. (10th May 1963). [Addition to No. 74608].
- 93580. The Plessey Company Limited. Improvements in or relating to gas-turbine engine starters. (3rd May 1963). [Addition to No. 83282].
- 93581. Shalimar Tar Products (1935) Limited. Improvements in or relating to sheet material.
- 93582. Imperial Chemical Industries Limited. Catalytic oxidation process. (21st May 1963).
- 93583. Eastman Kodak Company. Azole compounds.
- 93584. Dunlop Rubber Company Limited. Locking and sealing devices. (17th May 1963).

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- 93585. A. A. Khan. Aakomotive.
- 93586. Coventry Spring & Engineering Co. (P) Ltd. Door check spring for box type railway wagons.
- 93587. AMP Incorporated. Apparatus for crimping electrical connectors to wires.
- 93588. Commissariat A L'Energie Atomique. Fluid bearing.
- 93589. British Insulated Callender's Cables Limited. Improvements in or relating to telecommunication cables. (21st May 1963).
- 93590. Fisons Fertilizers Limited. Process. (15th May 1963).
- 93591. Aktiebolaget Bofors. Electric battery. (24th May 1963).
- 93592. C. H. Johnson (Machinery) Limited. A multi-purpose mechanical handling vehicle. (7th May 1963).

- 93593. The Permutit Company Limited. Ion-exchange resins and their production.

- 93594. Molins Machine Company Limited. Improvements in or relating to continuous rod cigarette-making machines and control systems therefor. (9th May 1963).

- 93595. Sandoz Ltd. Reactive dyes.

- 93596. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for concentrating nitric acid.

- 93597. (Mrs.) Beryl Alice Enid DePenning. Method and apparatus for sorting bodies of material.

- 93598. (Mrs.) Beryl Alice Enid DePenning. Method and apparatus for determining the electrical resistance of moving bodies of material.

- 93599. Ciba Limited. Manufacture of N-aryl-substituted bicyclic azacycles.

- 93600. C. Valls. Improvements in or relating to treatment apparatus and methods for the treatment of textile fibres.

- 93601. Westinghouse Air Brake Company. Fluid pressure brake control apparatus with accelerated release after service application.

- 93602. R. H. Abplanalp. Improved aerosol dispenser.

- 93603. American Cyanamid Company. Viscosity stable insecticidal and herbicidal compositions. (6th January 1964).

- 93604. Ethicon, Inc. Surgical sutures.

- 93605. The Dow Chemical Company. Trend detector.

- 93606. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Azo-dyestuffs and process for preparing them.

- 93607. Metallgesellschaft A. G. A circular furnace for the recovery of raw lead by a roasting and reacting process.

- 93608. Fichtel & Sachs A. G. Clutch.

- 93609. Council of Scientific and Industrial Research. Simple and trialkyl gallates of 1-hydroxyalkyl-1, 2, 3, 4-tetrahydroquinolines.

- 93610. Council of Scientific and Industrial Research. 1 (hydroxyalkyl)-1, 2, 3, 4-tetrahydroquinolines and preparation thereof.

- 93611. Council of Scientific and Industrial Research. 3', 4', 5'-trimethoxybenzamides derived from several bz-substituted-1, 2, 3, 4-tetrahydroquinolines and preparation thereof.

- 93612. Council of Scientific and Industrial Research. Tetrahydro-1, 5-benzoxazepines.

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- 93613. Unilever Limited. Razor-blades. (9th May 1963).

93614. Westinghouse Air Brake Company. Fluid pressure brake control valve device.
93615. Farbenfabriken Bayer Aktiengesellschaft. Water-insoluble monoazo dyestuffs. (17th February 1964).
93616. Shell Internationale Research Maatschappij N. V. Pesticidal compositions.
93617. Glaxo Laboratories Limited. Improvements in or relating to steroids. (10th May 1963).
93618. Esso Research and Engineering Company. Process for producing high protein feed supplements from hydrocarbons.
93619. Societe pour l'Exploitation des Procèdes ab-der-Halden. Improvements in or relating to refining processes. (15th May 1963).
93620. Societe pour l'Exploitation des Procèdes ab-der-Halden. Improvements in or relating to refining processes. (21st May 1963).
93621. Sterling Drug Inc. Preparation of organic compounds.
93622. Allied Chemical Corporation. New filaments, process for their production, and products obtained therefrom.
93623. Sperry Rand Corporation. Electrical power & control mechanism.
93624. Universal Oil Products Company. Process for hydrorefining unsaturated hydrocarbon distillates.
93625. Velsicol Chemical Corporation. Pesticides.
93626. Johns-Manville Corporation. Method and apparatus for forming mineral wool products.
93627. Ethicon, Inc. Article.
93628. Veb Arzneimittelwerk Dresden. Process for preparation of salts of the 2-[pyridyle-(3')]-thiazoline- Δ^2 having a peripheral vessel-expanding effect.
93629. Vickers Limited. Improvements in or relating to control systems for pumps and motors. (6th May 1963).
93630. A. E. Staley Manufacturing Company. Process for the separation of amylose and amylopectin.
93631. Bright Manufacturing Company Limited. Improvements in clips.
93632. Socony Mobil Oil Company, Inc. Catalyst composition and their manufacture and use.
93633. Leeson Corporation. Winding machine.
93634. Ciba Limited. Manufacture of N-aryl-substituted azacycles.
93635. Ciba Limited. Manufacture of N-substituted bicyclic azacycles.
93636. J. Dichter. Device for the punctiform scoring of ampoules.
93637. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to sodium vapour discharge lamps.
93638. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of forming an electrode of tantalum and/or niobium for an electrolytic capacitor.
93639. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to button arrangements in magnetic recording and/or play-back apparatus.
93640. H. F. Mark and S. M. Atlas. Polymeric materials. (16th May 1963).
- 6th May 1964
93641. Inventa A. G. Fur Forschung Und Patentverwertung. Process for the separation of ω -dodecalactam/cyclododecanecarboxylic acid/sulphuric acid mixtures.
93642. B. Krishna. Improvements in or relating to the automatic road traffic signalling system.
93643. Phillips Petroleum Company. Process for reforming gasoline fractions.
93644. Farr Company. Device for separating dust from a gaseous fluid and method of constructing same.
93645. American Cyanamid Company. Surgical sutures.
93646. Spetsialnoe Konstruktorskoe Bjuro Textilnoi Promyshlennosti. Device for doffing cops and replacing tubes on the spindles of spinning and twisting frames.
93647. D. V. Paranjpe & S. D. Paranjpe. Mould boxes for producing boxless moulds.
93648. D. V. Paranjpe & S. D. Paranjpe. Introduction of alloying elements in suitable form to melts of iron or steel.
93649. H. A. Fromson. Improvements in or relating to a photographic plate.
93650. Rohm & Haas Company. Composition for impregnation of leather and resulting products.
93651. H. Smith. Process for preparing D-homo-steroid compounds and preparations containing them. (10th May 1963).
93652. H. Smith. Processes for preparing gonadienone compounds and preparations containing them. (10th May 1963).
93653. The Bendix Corporation. Improvements in or relating to a separable electrical connector.
93654. National Steel Corporation. Coating method, apparatus and coated product.
93655. Miles Laboratories, Inc. Product.
93656. Simon-Carves Limited. Improvements in and relating to catalysis. (17th May 1963).
93657. Automatic Telephone & Electric Company Limited. Improvements in or relating to automatic telephone systems. (9th May 1963).
93658. Abbott Laboratories. Improvements in or relating to temperproof closure for dispensing containers.
93659. Westinghouse Brake and Signal Company Limited. Improvements relating to heavy current electrical apparatus. (17th May 1963).
93660. Halcon International, Inc. Chemical process.
- 7th May 1964
93661. W. R. Brooksbank. Improvements in buffers for looms for weaving. (16th May 1963).
93662. Koninklijke Industriële Maatschappij Noury & van der Lande N. V. Improvements in or relating to organic peroxides and the uses thereof. (13th April 1964).
93663. J. L. Jeanneret. Improved lathe.
93664. K. M. Gunkel. Apparatus.
93665. Dominion Engineering Works Limited. Seal. (10th June 1963).
93666. Indian Oxygen Limited. Process and apparatus for heating metal. (8th May 1963).
93667. Sourendramohan Sinha. Improvements in or relating to tie rod ball joints for automobiles.
93668. Lepetit S.p.A. 1-substituted-2-azetidinones. (8th May 1963).
93669. Pavena A. G. Process for the production of a spun yarn. (6th August 1963).
- 8th May 1964
93670. Standard Telephones and Cables Limited. Modulators and demodulators. (10th May 1963).
93671. AB Akerlund & Rausing. A package.
93672. AB Tetra. An opening notch for suction straws or the like.
93673. Roto-Finish Company. Finishing apparatus and method.
93674. Allied Chemical Corporation. Improvements in and relating to the bonding of polyamides.
93675. Tecalemit (Engineering) Limited. Improvements in or relating to fluid filters. (10th May 1963).
93676. Stamicarbon N. V. Lactams from cyclo-aliphatic ketoximes.
93677. Babcock & Wilcox Limited. Improvements in dust handling apparatus. (9th May 1963).

93678. British Nylon Spinners Limited. Improvements in or relating to the winding of textile filaments or yarns. (18th May 1963).
93679. Kokusai Denki Kabushiki Kaisha (known as Kokusai Electric Co., Ltd.). Single crystals production method by pulling process.
93680. A. R. Naidu. Line drawing machine for sports and method of drawing lines.

Alteration of date

84209. The claim to priority date 27th September 1961 has been abandoned and the application dated as of 19th September 1962, the date of filing in India.
84935. The claim to priority date 3rd November 1961 has been abandoned and the application dated as of 2nd November 1962, the date of filing in India.
85032. The claim to priority date 1st October 1962 has been disallowed and the application dated as of 8th November 1962, the date of filing in India.
85033. The claim to priority date 1st October 1962 has been disallowed and the application dated as of 8th November 1962, the date of filing in India.
85091. The claim to priority date 2nd December 1961 has been abandoned and the application dated as of 13th November 1962, the date of filing in India.
85272. The claim to priority date 28th November 1961 has been abandoned and the application dated as of 23rd November 1962, the date of filing in India.
85281. The claim to priority date 4th December 1961 has been abandoned and the application dated as of 24th November 1962, the date of filing in India.
85520. The claim to priority date 8th February 1962 has been disallowed and the application dated as of 7th December 1962, the date of filing in India.
85750. The claim to priority date 6th January 1962 has been abandoned and the application dated as of 21st December 1962, the date of filing in India.
86222. The claim to priority date 16th February 1962 has been abandoned and the application dated as of 28th January 1963, the date of filing in India.
86724. The claim to priority date 1st March 1962 has been disallowed and the application dated as of 2nd March 1963, the date of filing in India.
93102. Ante-dated to 19th November 1962 under Section 5 of the Act.
93526. Ante-dated to 10th August 1962 under Section 5 of the Act.
93527. Ante-dated to 10th August 1962 under Section 5 of the Act.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patents Office in the prescribed form No. 6 of the Indian Patents and Designs Rules 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in the crescent brackets are the dates allowed under Section 78-A of the Act.

83621. The Glidden Company. An improved process for electrocoating by deposition of paint from an aqueous bath onto an electrode, a paint binder for use therein and articles coated thereby. Accepted on 7th May 1964.

Wherein the film forming paint binder comprises a synthetic polycarboxylic acid resin having an electrical equivalent weight of at least about 1000 and at least partly neutralized with water soluble amino compounds.

83655. Powdered Metals Corporation. Process and apparatus for the extraction of copper. Accepted on 5th May 1964.

Characterised in that the cell is maintained under the conditions of (1) voltage between electrode pairs: at least 6½ volts. (2) cathode current density per cathode side: at least 125 amps/ft², throughout electrolysis.

83919. Inventa A. G. Fur Forschung Und Patentverwertung. Process for the production of hydroxylamine. Accepted on 2nd May 1964.

Reducing nitric oxide catalytically by means of hydrogen in acid solution in presence of 0.4—1.1 mol of a hydroxylamine salt per litre of reaction solution.

84209. Commonwealth Scientific and Industrial Research Organization. Moulded felt and the manufacture thereof. Accepted on 5th May 1964.

Subjecting a fibrous mass consisting of feltable fibers treated with steam or other felting fluid to pressure and to relative vibratory movements within a mould comprising separable members.

84274. Ecrofner & Partners Limited. Self-contained operating unit for the plates of collapsible core and cores provided with such units. (25th September 1961). Accepted on 7th May 1964.

Comprising pressure applying components adapted to be engaged by selected moulding plates removably attached to the components, the unit also including means to move the components.

84457. Prerovske Strojirny, narodni podnik Prerov. Single-belt weight feeder with automatic control. Accepted on 5th May 1964.

Characterised in that a potentiometer is connected to the techogenerator mounted on the shaft of the motor of the feeder, the shifter of the potentiometer is connected to the shaft of the weighting device and to the correction members connected to a differential amplifier said amplifier being connected to a voltage amplifier, etc.

84459. Joseph Lucas (Industries) Limited. Trigger circuits. (6th October 1961). Accepted on 4th April 1964.

Comprising in combination input terminals fed from D.C. or rectified A.C., output terminals, a square loop core, first, second and third windings on said core, a transistor, two diodes and two resistances, said transistor being rendered conductive when the voltage across a coil reaches a predetermined value.

84924. The English Electric Company Limited. Gas detecting apparatus. (10th November 1961). Accepted on 1st May 1964.

Electric supply circuit for energising the heating elements comprises two similar electric supply batteries connected through a centre-tapped short circuit current limiting resistor and the apparatus has failure warning means to indicate of either of said elements.

84925. Semtex Limited. Improvements relating to synthetic resin or other binder-and filler compositions, containing chlorinated paraffins. (17th November 1961). Accepted on 1st May 1964.

Contains minor proportions of an oxide or fatty acid salt of a metal of Group II of the Periodic Table.

84935. Creed & Company Limited. Data processing equipment. Accepted on 2nd May 1964.

Characters being punched in a tape, read and compared with a character with which it should be in accord and in the event of disagreement between compared characters punching of character ceases and the tape being advance to a position at which the compared character in the tape is erased.

84950. Standard Oil Company. Multistage oxidation system for preparing dicarboxylic acid. Accepted on 4th May 1964.

Oxidising in the liquid phase an aromatic hydrocarbon heaving at least one nuclear substituent oxidisable to a carboxy group, with molecular oxygen in a plurality of stages in the presence of a solvent and of multivalent heavy metal oxidation catalyst.

84957. Standard Telephones and Cables Limited. Selection systems for electrical circuits or equipment. [Addition to No. 81312]. Accepted on 4th May 1964.

Comprises switching devices, in which when a connection has been set up and in which to release a connection release signals.

84977. Shenango Ceramics, Inc. Improvements in or relating to process and apparatus for the manufacture of ceramic articles and the product of such process. Accepted on 5th May 1964.

Producing a mixture dividing up the mixture, reacting the shaped mixture by heating to a predetermined temperature to carry to a desired end point effectuation of chemical and physical changes in the shaped mixture, disintegrating the reaction product into fire particles, and eliminating from the disintegrated particles all particles of a size outside predetermined limits.

84988. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the manufacture of water-soluble azo-dyestuffs on the fibre. Accepted on 6th May 1964.

The fibrous material impregnated with a solution of an alkali metal salt of a coupling component is developed with a bath containing a primary amine and aluminium sulphate, an α -hydroxy monocarboxylic acid and an α -hydroxy polycarboxylic acid.

84991. VEB Jenaer Glaswerk Schott & Gen. A method of moulding flanges on glass tubes. Accepted on 4th May 1964.

Open glass tube being rotated and heated at one end producing a bulge and being shaped as a flange by a suitable tool.

85000. J. R. Geigy A.-G. Process for the production of arylated naphthoxidine compounds and hydrophobic textile materials dyed therewith. Accepted on 6th May 1964.

Reacting naphthoxidines having replaceable hydrogen atom with carbocyclic or heterocyclic aromatic diazonium compound.

85001. J. R. Geigy A.-G. Process for the production of monoazo pigments, the pigments so produced and organic polymers pigmented therewith. Accepted on 6th May 1964.

Coupling diazotised 1-amino-2, 4-dichlorobenzene-5-carboxylic acid amide with 2-hydroxy-naphthalene-3-carboxylic acid arylamide.

85008. Stauffer Chemical Company. Organophosphorus compounds containing a disulfide grouping and a method of preparing them. Accepted on 7th May 1964.

Comprises reacting an organic disulphide with a phosphorus ester.

85019. Rohm & Haas Company. Non-woven fabrics. Accepted on 4th May 1964.

Comprises a main body of non-woven hydrophobic fibres having one surface covered with non-woven cellulose fiber web.

85021. J. R. Geigy A.-G. Process for the production of azo dyestuffs which are difficultly soluble in water and dyestuffs so produced suitable in a process for the dyeing of hydrophobic textile materials. Accepted on 6th May 1964.

Coupling diazonium compound of benzene series with azo group in O- or p-position, one electrophilic substituent with hydroxyalkylamides of β -hydroxy naphthoic acid.

85027. Moosbrunner Glasfabriks-Aktiengesellschaft. Improved process and apparatus for the production of continuous building elements of glass. (7th November 1961). Accepted on 6th May 1964.

Comprising feeding two or more glass ribbons in plastic condition to an assembly station, joining them under the effect of a constant supply of heat, the assembly and joining being effected over deflector and support means, said deflector and support means acting on the glass with only rolling friction.

85032. United States Rubber Company. An assembly of a textile material and a vulcanised rubber composition. Accepted on 8th May 1964.

Comprises incorporating the m-disubstituted benzene, 1:5-naphthalene diol or resorcinol formaldehyde resin together with the n-methylol amide into unvulcanized rubber composition, applying this composition to the textile heating the resultant assembly to vulcanize the rubber composition.

85033. United States Rubber Company. Assembly of textile material and rubber and method of making same. Accepted on 8th May 1964.

Comprises incorporating a meta disubstituted benzene 1:5-naphthalene diol or resorcinol formaldehyde resin together with p-menthane or azomethine into unvulcanized rubber composition and applying it to the textile and heating to vulcanise the rubber composition.

85038. Allied Chemical Corporation. Synthetic linear polyamides pigmented with 2, 9-dimethylquinacridone and moulded articles made therefrom and process for their production. Accepted on 6th May 1964.

Comprises incorporating 2, 9-dimethylquinacridone in the polyamide.

85069. Parametrics Research & Development Company Incorporated. Fastening device. Accepted on 7th May 1964.

Comprising an elongated strip, a pair of rows of resilient teeth each having a protruding edge.

85073. H. R. Svec. Block for making protecting covers on slopes of moles and breakwaters. Accepted on 7th May 1964.

Wherein the block has at least one of its sides facing the neighbouring blocks made for interlocking with one of the neighbouring blocks and wherein the cover made from the blocks will have at least one throughgoing opening per block from the waterside to the resting surface.

85091. Polymer Corporation Limited. Process for agglomerating particles of aqueous synthetic latices. Accepted on 6th May 1964.

Comprises causing a cross linked polyurethane to be present in a dispersed form.

85092. FMC Corporation. Soil fungicidal composition. Accepted on 4th May 1964.

1-chloro-2-nitropropane admixed with fungicidally inert adjuvant.

85097. Velcro S. A. Separable fastener elements of synthetic plastic. Accepted on 4th May 1964.

A base material having a large number of pile like protuberances in the form of hooks or loops to engage protuberances on another member.

85099. Vsesojuzny Nauchno-Issledovatel'sky Institut Gidrogeologii i Inzhenernoy Geologii "Vsegeogeo" and K. Z. K. Blokov. A filter for water supply wells. Accepted on 2nd May 1964.
Characterised in that the hollow porous ceramic blocks are fastened together by rods, each of said rods being fixed to the end faces of the filter.
85100. Fichtel & Sachs A. G. Improvements in or relating to change-speed hubs. Accepted on 5th May 1964.
Wherein transmission is provided between hub and centrifugal weights and increases the speed thereof relatively to the hub.
85103. H. Buddecke. A large yarn package for use in textile machines. Accepted on 8th May 1964.
Employs coil wound strips and comprises elongated yarn or rove windings obliquely arranged and winding strips are wound one above the other.
85111. J. R. Geigy A.-G. Process for the production of 3, 4-dihydro-2, 4-dioxo-2H-pyrido [2, 3-e] [1, 3] oxazine. Accepted on 8th May 1964.
Treating 5-(2'-furyl)-hydantoin with an oxidising agent.
85139. Vickers-Armstrongs (Engineers) Limited. Improvements in or relating to air cushion borne vehicles. (16th November 1961). Accepted on 5th May 1964.
Comprises a flexible band enclosing air-cushion supporting the vehicle, means locating the band on the vehicle and means to prevent leakage of air.
85150. John Curran Limited. Improvements in or relating to engine test benches. (17th November 1961). Accepted on 5th May 1964.
Wherein engine carrier is supported from fixed support by short flexible straps forward two of which are in tension and rearward two in compression when engine is idle.
85206. H. Prashad. Improvement in or relating to pad locks. Accepted on 5th May 1964.
Wherein locking piece is pivotally mounted in a guide between two vertical side walls and operating pin passes through a slot in the wall, which pin being operable by key through locking lever.
85216. (Mrs.) Beryl Alice Enid DePenning. Vehicle brake operator. Accepted on 5th May 1964.
Comprises spring assembly to operate operating rod on failure in fluid pressure and separate air inlets introducing air into diaphragm and piston compartments.
85222. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for preparing a carbonyl compounds selected from the group consisting of aldehydes and ketones. Accepted on 4th May 1964.
Mixture of aldehydes and ketones is contacted with hydrogenation catalyst and then the gases leaving said catalyst is contacted with a noble metal catalyst.
85247. A. G. Bodine, Jr. Sonic pile driver. Accepted on 8th May 1964.
Comprising mechanical oscillator for generating an alternating force in a vertical direction pile coupling means for operatively coupling the oscillator body to a pile.
85258. Sunbeam Corporation. Electric dry shaver. (3rd April 1962). Accepted on 8th May 1964.
Comprising an electric motor and a cutting assembly means drivably interconnecting said motor and said blade, means for securing said sub-assembly switching means.
85262. Curlator Corporation. Machine for processing fibrous material such as paper-making pulp. Accepted on 5th May 1964.
Wherein means are provided for stopping feed mechanism when the stock piles up between working surface and pressure develops in the feeding zone of the machine.
85272. Castrol Limited. Process for the preparation of additives and lubricating compositions containing the additives so prepared. Accepted on 5th May 1964.
Comprises reacting together acidic phosphorusulphurised polybutylene with an organic di- or polyamine.
85281. Imperial Chemical Industries Limited. New phthalocyanine compounds. Accepted on 2nd May 1964.
Condensing a copper phthalocyanine trisulphonchloride monosulfonic acid with monoacyl piperazine in presence of ammonia, removing acyl group by hydrolytic treatment and condensing the product so obtained with dihalogeno-1, 3, 5-triazine.
85284. The Goodyear Tire & Rubber Company. Improvements in improved black linear polyesters. Accepted on 4th May 1964.
Combining condensation polymer reactants with an impingement carbon black.
85288. Goral Limited. Improvements in suspender fasteners. (25th November 1961). Accepted on 4th May 1964.
Comprises a flat flexible body member having an aperture to be fitted with a flexible tab member, the registering edges of aperture and tab co-operating in gripping a stocking top.
85290. W. H. W. Schuller. Apparatus for producing filaments of glass or other inorganic, glass-like material from rods. Accepted on 6th May 1964.
Includes a receiver designed as a nozzle holder in which nozzles made of noble metal are inserted to project with the ends substantially beyond the underface of the holder.
85324. Ciba Limited. Water-insoluble monoazo dye-stuffs, process for their manufacture, their use for dyeing polyester fibres and polyester fibres dyed therewith. Accepted on 4th May 1964.
Coupling diazo compound like 2:4-dinitroaniline with azo compound like $C_6H_5R_4$ ($NHCO_2R_3$)- NR_5 , R_6 , R_3 & R_4 being alkyl, hydrogen or alkoxy groups and R_5 stand from cyanoethoxyalkyl group, R_6 for cyanoalkoxyalkyl group.
85350. Shell Internationale Research Maatschappij N. V. Process for polymerizing olefinically unsaturated hydrocarbons in a fluidized bed and shaped articles manufactured from the polymers thus produced. Accepted on 2nd May 1964.
Wherein the trihalide of titanium and/or vanadium used as catalyst are prepared by the reduction of tetrahalides in an inert hydrocarbon and the trihalide suspended in that hydrocarbon is conveyed to the polymerisation chamber.
85353. Power Jets (Research and Development) Limited. Aircraft of convertiplane type. Accepted on 5th May 1964.
Wherein the rotor is mounted for bodily movement along its axis between operative position rotating clear of fuselage and inoperative position in which blades lie in the recesses.
85382. S. A. Glaverbel. Horse for the transport and storage of materials in sheet form. [Addition to No. 70004]. Accepted on 2nd May 1964.
Wherein each of the feet of horse comprises at least one movable part capable of being lowered beneath the fixed part.
85424. W. A. Ternes. Door. Accepted on 5th May 1964.
Comprising a pair of folding panel hinged together and having a trim secured to the panel, said trim comprising a portion secured to the panel and an outwardly extending leg portion pressed against the panel.

85468. Standard Telephones and Cables Limited. Automatic telecommunication exchange equipment. [Addition to No. 83108]. Accepted on 4th May 1964.
Control means arranged to effect rearrangements of channel allocations, as a result of which a pair of correspondingly numbered channels, one on each of the pair of trunks to be interconnected, becomes available for use, the pair which has thus been made available being allocated to the new connection.
85477. Indo Japanese Industries Limited and S. N. Nigam.. Dynamo for cycle and velocipedes lamps. Accepted on 7th May 1964.
Consists of a shaft carrying permanent magnet at the lower end, shaft being held by two bearings and the top of end of the shaft passing through bearings extends and carries a knurled wheel making contact with moving tyre.
85489. Farbenfabriken Bayer Aktiengesellschaft. Process for the production of new reactive anthraquinone dyestuffs, dyestuffs so produced and process for dyeing or printing cellulose containing materials with the same. (19th September 1962). Accepted on 2nd May 1964.
Reacting reaction product from 4-bromo-1-amino-anthraquinone-2-sulphonic acid and 4-amino-benzyl N-methyl-amine with 2, 3-dichloroquinoline-6-carboxylic acid chloride.
85509. United States Rubber Company. Method of polymerizing olefinically unsaturated monomers. Accepted on 2nd May 1964.
Comprises reacting an olefinically unsaturated monomer in the presence of a polymerization catalyst and an inert hydrocarbon solvent.
85510. Becorit (G. B.) Limited. Improvements relating to conveyor apparatus having a haulage cable. Accepted on 8th May 1964.
Characterised in that the cable is endless and comprises a plurality of sections releasably connected to one another by coupling elements provided at the ends of each section.
85520. Borgs Fabriks Aktiebolag, P. B. Fonden and K. O. T. Walander. Improvements in arresting devices for decelerating aeroplanes. Accepted on 4th May 1964.
At least one point of the arresting device, disposed between the middle portion thereof and the respective one of the brakes being connected to at least one auxiliary brake disposed beyond the brakes, as seen in the direction of movement of the aeroplane.
85528. Preparation Industrielle Des Combustibles. Improvements relating to processing furnace. Accepted on 6th May 1964.
Characterised in that at least one of the vibrators vibrates longitudinally along a direction perpendicular to a radius of the plate other than the axis of the plate causing an oscillating motion of the plate around its axis.
85553. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Stabilized polyoxymethylene compositions and films, sheets, fibres and the like made therefrom. Accepted on 7th May 1964.
Consisting of solid polymer or copolymer with recurring-CH₂O-units and 0.01—10% by weight of stabilizer biuret, polyureis or thlobiuret.
85591. Lindauer Dornier Gesellschaft m.b.H. Weaving machine without shuttle. Accepted on 2nd May 1964.
The associated transferring elements on the grippers are displaced from the middle of the fabric in each case in the direction towards the side at which corresponding weft insertion takes place.
85592. The Goodyear Tire & Rubber Company. Process for isomerizing 3-methyl-1, 3-pentadiene. Accepted on 7th May 1964.
By heating 3-methyl 1, 3-pentadiene in the presence of a hydrogen halide.
85594. Imperial Chemical Industries Limited. Oxymethylene polymers and products formed from them. (14th December 1961). Accepted on 2nd May 1964.
Co-polymerising a cyclic oligomer for formaldehyde with a cyclic ether.
85620. Takeda Chemical Industries, Limited. An additive for silkworm feed. Accepted on 8th May 1964.
Comprising an antibiotic and/or glucuronic acid and yeast or its processed matter.
85623. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for dyeing or printing shaped structures of linear aromatic polyesters, especially polyethylene terephthalates. Accepted on 8th May 1964.
Wherein shaped structures are treated with an aqueous dispersion of the disazo dyestuff phenol-[4 azo 1]-benzene-[4 azo 4]-phenol.
85635. Dunlop Rubber Company Limited. Improvements in and relating to cores for balls, particularly golf balls. (2nd January 1962). Accepted on 4th May 1964.
A core for a ball having a core-centre and an outer surface of resilient material with a substantially impermeable barrier surface positioned at a distance of at least .2 mm and not greater than 3 mm, radially inward from the outer surface of said resilient material.
85638. British Nylon Spinners Limited. Improvements in or relating to melt-spinning-synthetic polymer filaments. (18th January 1962). Accepted on 8th May 1964.
The extruded filaments are cooled by a gaseous flow from an elongated elliptical perforate member located within space surrounded by filaments, the gas flow direction intersecting filament travel direction.
85650. Birfield Engineering Limited. Improvements in or relating to universal joints. (15th December 1961). Accepted on 6th May 1964.
Wherein arcuate ball tracks in the inner and outer joint members are centred about different points located on the opposite sides of the joint centre on the joint axis in the condition of zero joint centre.
85666. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Antistatic lubricating compositions for natural or synthetic or mixed natural-synthetic fibres. Accepted on 5th May 1964.
Comprises a mixture of a condensation product of the monolauric ester of glycerol with ethylene oxide, a lubricating oil and an emulsifier with or without water.
85679. Imperial Chemical Industries Limited. Coated self-supported films manufacture. (21st December 1961). Accepted on 2nd May 1964.
Subjecting uncoated film to surface oxidation, coating the film with anchor coating composition comprising a liquid medium, an amine formaldehyde thermosetting resin and an anchor coating dry weight of an alkyl resin, drying off the anchor coat to remove liquid medium and then over-coating the film with aqueous dispersion of heat-sealable coating polymer.
85692. Union Carbide Corporation. Inelastic composite laminates of metal and plastic. Accepted on 8th May 1964.
Comprises a thermoplastic core of 0.005 inch to 1.4 inches thick having laminated to both surfaces from 0.00025 inch to 0.01 inch thick metal foil.
85750. Polymer Corporation Limited. Process for catalytic dehydrogenation of hydrocarbons. Accepted on 6th May 1964.
Comprises alternately dehydrogenating the hydrocarbon in a process period and regenerating the catalyst in a regeneration period, the improvement being limiting the duration of the process period to between 30 seconds and 5 mins.

85801. The Bendix Corporation. Ignition system. (25th October 1962). Accepted on 5th May 1964.

Control circuit comprises a saturable core transformer, the secondary winding of which is connected in feedback relationship with the primary winding and connected to a power transistor so as to render it conductive and non-conductive respectively under certain circumstances.

85846. Abbott Laboratories. Improvements in dicyclohexylamine process. Accepted on 2nd May 1964.

Comprises mixing phenol and aniline, subjecting said mixture in low pressure hydrogenation equipment to hydrogen gas of a pressure below 1000 psig at a temperature between room temperature and 100°C in the presence of metallic palladium.

85882. Knorr-Bremse GmbH. Electropneumatic compressed-air braking device for vehicles running on rails. Accepted on 8th May 1964.

Characterised in that an additional piston connected to the control piston is arranged in the control valve and is loaded on one side by pressure in the connection between the outlet chamber and the magnet valve and on the other side by atmospheric pressure.

85893. Niren Majumder. Improvements in and relating to lightweight building insulation materials and a method of manufacture of same. Accepted on 7th May 1964.

Comprising impregnating fibrous or powdered material such as wood-wool with magnesium chloride or calcium chloride solution and mixing with cement and/or cinder powder, fly ash slate powder and pressing into required shapes and forms.

85991. Aktiebolaget Svenska Flaktfabriken. Means for connecting thin-walled plane elements. Accepted on 5th May 1964.

Characterised in that the strips are made up of U-shaped channel-formed rails one flange of which is bifurcated to provide a groove and the second flange of which is gripped by the guide rail and the web of the strip being provided with a furrow for a sealing cord between the strips.

86009. Ciba Limited. A process for dyeing and printing textile materials. Accepted on 8th May 1964.

The material is impregnated with a padding liquor or print paste that contains the dyestuff in a true solution containing as organic solvent a ketonic substance containing no free hydroxyl group.

86032. Sandoz Ltd. Basic dyes and their production. [Addition to No. 81842]. Accepted on 4th May 1964.

Diazonium compound of substituted nitroaniline is coupled with substituted N-aminomorpholine.

86160. Engro-Tool Manufacturing Company. Improvements in or relating to engraving tools and the like. Accepted on 8th May 1964.

Comprises a grip member carrying a laminated coil and a transformer, to the said coil and transformer is attached one end of a magnetic strip, the other end engages rectangular slots formed in one end of the vibrator and vibrator holder.

86194. Sperry Rand Corporation. Three-film superconducting signal translating device. Accepted on 8th May 1964.

Characterised in that at least three films cathode film, anode film, control film are stacked on each other, separated by a normally non-conducting thin insulating layer.

86203. A. Villa. Device for limiting elongation of strip-like flexible members formed by linked elastic elements, particularly bracelets, wrist-watch straps, belts, and the like. Accepted on 6th May 1964.

Two groups of stop-members mutually cooperate, one of which is adopted to react to the returning action of the resilient means, whilst the stops of the other group limit the elongation and extension.

86222. Societe Anonyme des Anciens Etablissements Albaret. Equipment specially adapted for actuating consolidating or compacting rollers or like devices operating on sloping ground surfaces. Accepted on 5th May 1964.

Characterised in that the rolling is suspended from the winch by two parallel cables, and means are provided for varying the free unwound length of one of said cables with respect to the free length of the other cable.

86342. Sandoz Ltd. Process for the halogenation of phthalocyanines. Accepted on 7th May 1964.

By effecting the halogenation in the presence of a halide of a metal or semi metal belonging to the fourth group of the Periodic system of elements, the said halide being liquid and distillable at the reaction temperature.

86343. Textron Industries, Inc. Improvements in or relating to metal working machines, particularly to a transfer mechanism for such machines. Accepted on 4th May 1964.

Comprising a transfer arm pivotally and slidably mounted to the machine frame, transfer finger mounted to said transfer arm, first means associated with the said transfer arm to pivotally oscillate said arm and second means associated with the said arm to slidably move the same in timed relation along a line perpendicular to the faces of the dies.

86395. Rattanchand Harjasrai (Plastics) Private Ltd. Improvements in or relating to hydraulic presses for compression moulding of plastics. Accepted on 4th May 1964.

Hydraulic press having in combination a pump block, a shaft work, a hydraulic ram and a pressure release valve fitted on the said hydraulic ram.

86444. The Plessey Company Limited. Improvements in or relating to variable capacitors. Accepted on 5th May 1964.

Includes two sets of electrically conducting vanes, wherein the spacing between the mutually opposed portions of some at least of the vanes of the two sets is maintained at least in part by distributed spacing means interposed between the vanes.

86456. Westinghouse Electric Corporation. Improvements in or relating to electromagnetic circuit interrupters. Accepted on 6th May 1964.

Time delay means includes fluid flow passage means adapted to restrict passage of the fluid forced therethrough by movable wall after actuation of armature means.

86457. Westinghouse Electric Corporation. Improvements in or relating to latch mechanisms for electric control devices. Accepted on 6th May 1964.

Comprises an energizing coil, a latch structure having its major portion disposed within said coil and movable between a latched position and an unlatched position.

86465. FMC Corporation. Fuel mixtures. Accepted on 2nd May 1964.

Comprising a cellulosic carrier comprising a non fibrous, insoluble infusible and combustible cellulose crystallite aggregates or cellulose crystallite aggregates derivative and a combustible liquid.

86499. Inpower Works (Proprietary) Limited. Fluid torque transmitter. Accepted on 5th May 1964.
- Comprising a carrier and a drum around it, at least one planet wheel mounted in the carrier, drive means for the carrier, a sun-wheel, means to connect the sunwheel to a load, means to connect the sunwheel and planet wheel and liquid entrapping means fast with the planet wheel.*
86537. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to devices for supplying a set of beads to a lamp bulb. Accepted on 8th May 1964.
- Comprises a holder, an inclined guide in which a set of beads slide downwards with its hook shaped parts.*
86580. Hermorion Limited. A method of stamping of a material with low compressibility. Accepted on 2nd May 1964.
- Characterised in that a stamp containing a stamping tool and a holding on tool firmly secured thereto is pressed in the main perpendicularly against the surface of the laminated material.*
86596. Imperial Chemical Industries Limited. Vinyl chloride polymer compositions. (12th April 1962). Accepted on 5th May 1964.
- Comprises a copolymer of vinyl chloride with a copolymerisable monomer, chlorinated aliphatic hydrocarbons as plasticisers and a filler.*
86618. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Process for the preparation of olefinic copolymers, copolymers thus obtained and vulcanized elastomers obtained therefrom. [Addition to No. 78976]. Accepted on 7th May 1964.
- Wherein the vanadium compounds as catalyst are selected from the addition complexes of vanadium halides with a Lewis' base and the preparation of the catalyst and polymerization is carried out at 0 to 80°C.*
86620. Heinrich Koppers, Gesellschaft mit beschränkter Haftung. Improvements relating to heating installation. Accepted on 4th May 1964.
- An automatic control structure striving to maintain the average temperature of the exhaust gas of each heating assembly when it is on gas at the lowest possible value, while still heating each assembly to an extent sufficient to prevent premature termination of the on-wind step.*
86634. Standard Telephones and Cables Limited. Improvements in or relating to electric pulse circuits. (27th March 1962). Accepted on 8th May 1964.
- Including a series of square loop magnetic cores means for biasing core, means for applying shift pulses and for each said core a transistor.*
86654. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to methods of manufacturing devices having soldering and adhesive joints. Accepted on 4th May 1964.
- Comprising at least one adhesive joint which is simultaneously provided with at least one soldering joint and a thermally hardening adhesive is used for the adhesive joint.*
86707. N. V. Onderzoekingsinstituut Research. Improvements in or relating to the preparation of polyamides. Accepted on 7th May 1964.
- Comprises evaporating water from the reaction mixture in the last stages of the polycondensation reaction by intermittently injecting an inert gas into the reaction mixture.*
86711. The British Petroleum Company Limited. Recovering aromatic hydrocarbons by hydrogenation process. (7th March 1962). Accepted on 8th May 1964.
- Contacting a feed-stock containing a major proportion of aromatics and monoolefins and a minor proportion of gum forming constituents in the presence of hydrogen with a supported nickel catalyst whereby the gum forming constituents are destroyed and contacting the product and hydrogen with a hydrogenation catalyst whereby a substantial proportion of monoolefins are converted into paraffins and recovering the aromatics.*
86714. G. Raynor and W. H. Baxter. Protective paints and method of preparing the same. (1st May 1962). Accepted on 6th May 1964.
- A paint comprises a composition resulting from the fusion of mineral and vegetable waxes incorporating a toxic agent.*
86734. A. B. Skanska Cementgjuteriet. Improvements in deep drills having an eccentric bit. Accepted on 6th May 1964.
- Comprising an eccentric sleeve rotatably mounted on the end of the drill rod adjacent the drill bit or on a connecting rod joining said end of the drill rod to the drill bit, the eccentric portion of said sleeve serving as a guide lug, etc.*
86779. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of bonding to articles which consist of a material containing aluminium oxide, and composite articles made by such methods. Accepted on 4th May 1964.
- Characterised in that a material is applied to the area to be bonded containing Al_2O_3 of 75% by weight in case of composition without SiO_2 , the proportion decreasing to 60% by weight in composition containing SiO_2 , after which the material is heated to 1300°C to form a melt and then cooled.*
86831. Shell Internationale Research Maatschappij N. V. Process for the recovery of hydrochloric acid from a gas mixture obtained in the catalytic oxidation of hydrogen chloride gas with an oxygen-containing gas. Accepted on 6th May 1964.
- Characterised in that during quenching the temperature is reduced to the dew point of the resultant gas mixture and during washing for the removal of catalyst rests hydrochloric acid is used of the same temperature.*
86852. Union Tank Car Company. High temperature demineralization. Accepted on 7th May 1964.
- The method of removing, trace contaminants from water having a temperature in the range of 140°–300°F comprises the steps of substantially eliminating free oxygen from said water and passing said water through cation and anion exchange resins.*
86922. Shell Internationale Research Maatschappij N. V. Process for the preparation of carbonyl compounds and novel catalysts therefor. Accepted on 4th May 1964.
- Comprises reacting an olefin in the gaseous phase with molecular oxygen-containing gas at 350°C in the presence of water vapour, and of halogen, and/or hydrogen halide and a catalyst comprising a solid carrier, one or more precious metals of VIII periodic system, one or more compounds of iron, cobalt or nickel or transition metals of Group I or VII and one or more alkali metals having atomic numbers from 11 to 55.*
87012. Industrie-Compagnie Kleinewefers Konstruktions-Und Handelsgesellschaft mbH. Recuperator plants designed for high flue gas temperatures and extreme variations of quantity of air delivered. Accepted on 8th May 1964.
- Provided with a fan installed at the air inlet opening, characterized a cooling device including a control means for the amount of air to be cooled down is provided between the inlet pipe and the discharge pipe of the medium to be heated.*

87044. Shell Internationale Research Maatschappij N. V. Improved process for the preparation of chlorhydrins. Accepted on 5th May 1964.

A process for preparing chlorhydrin from an olefinic compound, chlorine and water, characterized in that the olefinic compound and chlorine are added to liquid phase at such rate and under such condition that they substantially immediately dissolve and no second phase is formed and in that chlorine and olefinic compound are introduced into the system in substantially equimolar quantities.

87081. Henschel-Werke Aktiengesellschaft. Improvements in or relating to steam generators. Accepted on 6th May 1964.

An annular evaporation chamber arranged in spaced relationship above said chamber and a plurality of vertical water tubes interconnecting said chambers and arranged in close juxtaposed relationship.

87164. W. R. Grace & Co. Impregnated sheet material for use in printing. Accepted on 6th May 1964.

Comprises a low density, porous felted fibrous web containing as impregnants an elastomeric material and a reinforcing resin, the total amount of impregnant in finished web being at least 100 per cent by weight of the fibre in the web, the amount of reinforcing resin being between 25% to 60% of the weight of fibre in the web.

78188. Chemische Werke Witten Gesellschaft Mit Beschränkter Haftung. Process for the production of terephthalic and isophthalic acid dichlorides. Accepted on 8th May 1964.

Chlorinating terephthalic and isophthalic acid in the presence of liquid chlorides or methyl esters of aromatic monocarboxylic acids.

87208. The Babcock & Wilcox Company. Distribution system for pneumatically transported particle form material. Accepted on 2nd May 1964.

Wherein is provided a distributor having a chamber with an axially disposed bottom inlet for the introduction of a gas and particle form material and a plurality of lateral outlets.

87214. Simon-Curves Limited. Improvements in and relating to coke oven ascension pipes (13th April 1962). Accepted on 2nd May 1964.

A gas conduit is connected at one end to an outlet from ascension pipe and at its other end to an inlet in the collector main and a liquid spray nozzle is secured within the gas conduit at or adjacent the point of entry of the gas thereto but outside the flow stream of gas.

87218. Gebrüder Boehringer Gesellschaft mit beschränkter Haftung. An improved fluid drive device. Accepted on 2nd May 1964.

Substantially radial tubes are inserted tightly in the main shaft and leading to pressure connections or intake valves, said tubes each lead into a chamber and bear resiliently and in sealing-tight relationship against the chamber walls at their ends remote from the main shaft.

87291. Chemische Werke Witten Gesellschaft Mit Beschränkter Haftung. Process for the production of dimethyl ester of methyl-terephthalic acid and trimethyl ester of trimellitic acid. Accepted on 8th May 1964.

Oxidizing 1, 3-dimethyl-4-methoxymethyl benzene, esterifying the resulting 2, 4-dimethyl benzoic acid to methyl ester, further oxidizing the ester, the product esterified to dimethyl ester of terephthalic acid which is isolated, and the residue is further oxidized to trimellitic acid trimethyl ester.

87337. Compagnie de Saint-Gobain. Process and apparatus for the manufacture of fibres from glass or other thermoplastic materials. [Addition to No. 71830]. Accepted on 2nd May 1964.

The diameter of the fibres produced is controlled by acting on the conditions under which the moving gaseous fluid surrounding the tips and the streams of molten material is renewed.

87407. The Metal Box Company Limited. Improvements in or relating to the removal of sag, bagginess and wrinkles from tubular biaxially oriented organic thermoplastic material. (18th May 1962). Accepted on 8th May 1964.

Subjecting tubular film to heat treatment about hollow members with cushion of warm air therebetween.

87424. Montecatini Società Generale Per L'Industria Mineraria E Chimica. Process for the preparation of olefinic copolymers. [Addition to No. 78976]. Accepted on 7th May 1964.

Copolymerising one or more higher aliphatic olefins with ethylene in the presence of a catalyst obtained by mixing a hydrocarbon-soluble vanadium compound and a dialkyl aluminium halide or a monoalkyl aluminium dihalide or an alkyl aluminium sesquihalide.

87453. The British Iron and Steel Research Association. Manufacture of plastic-coated wire rope. Accepted on 7th May 1964.

Comprises coating wire rope with a heat curable adhesive, curing the adhesive, applying a further coating of a thermoplastic resin plastisol and then heating to gel the plastisol.

87535. Stamicarbon N. V. Device for at least partly dewatering fine-grained material. Accepted on 4th May 1964.

Comprises a trough with a bottom wall which has apertures to permit water to drain through and of which one end portion is curved upwardly to form a concave chute portion, and also comprises a pushing member for angular reciprocation about an axis located above the trough.

93102. Pechiney-Compagnie de Produits Chimiques et Electrometallurgiques. Method for the preparation of organo aluminic compounds. [Divisional date 19th November 1962]. Accepted on 7th May 1964.

Comprises reacting aluminium, hydrogen and an olefinic hydrocarbon in the presence of an activator.

93526. Powdered Metals Corporation. Process of electrolytically depositing copper. [Divisional date 10th August 1962]. Accepted on 8th May 1964.

In sulphuric-acid water electrolyte containing copper, the use of anodes formed of approximately 88-91% pure soft lead and 9-12% pure antimony (by weight).

93527. Powdered Metals Corporation. Process for extracting copper from a copper-containing ore. [Divisional date 10th August 1962]. Accepted on 8th May 1964.

Comprising crushing ore, leaching crushed ore, leaching solution used for the leaching step being a sulphuric acid pure water solution containing approximately 8-9% of sulphuric acid, and removing the enriched leaching solution from the ore.

Opposition Proceedings

(1)

An opposition has been entered by Indian Plastics Limited to the grant of a patent on application No. 81393, by Comptoir Linier.

(2)

An opposition has been entered by Orient Paper Mills Limited, to the grant of a patent on application No. 82064, made by Subir Gupta.

(3)

An opposition has been entered by Orient Paper Mills Limited, to the grant of a patent on application No. 82065, made by Subir Gupta.

Printed Specification Published

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy :—

74429.	74484.	74727.	74941.	74944.	75020.	75050.
75096.	75166.	75250.	75306.	75332.	75395.	75448.
75465.	75622.	75634.	75648.	75659.	75666.	75687.
75692.	75730.	75736.	75737.	75793.	75811.	75824.
75840.	75850.	75861.	75901.	75915.	75916.	75917.
75956.	75960.	75963.	75992.	76001.	76002.	76105.
76155.	76163.	76195.	76203.	76207.	76210.	76262.
76277.	76439.	76446.	76481.	76504.	76598.	76673.
76727.	76762.	76903.	76930.	76957.	76972.	76978.
77023.	77136.	77216.	77483.	77527.	77568.	77594.
77811.	77831.	77892.	77917.	78137.	78293.	78345.
78414.	78529.	78542.	79110.	82087.	83054.	83240.
83429.	83535.					

Correction of Clerical Errors

(1)

Under Section 62 of the Indian Patents and Designs Act, 1911, certain clerical errors occurring in the specification of patent No. 83764 was corrected on the 11th May 1964.

(2)

Under Section 62 of the Indian Patents and Designs Act, 1911, certain clerical error occurring in the specification in respect of Patent application No. 86467 was corrected on the 11th May 1964.

Patents Sealed

78378.	78523.	78781.	79757.	79879.	79890.	79972.
80138.	80253.	80270.	80419.	80453.	80659.	80823.
80831.	80899.	81035.	81065.	81066.	81086.	81182.
81219.	81220.	81232.	81241.	81267.	81268.	81297.
81303.	81323.	81327.	81340.	81398.	81402.	81415.
81472.	81485.	81544.	81577.	81635.	81658.	81695.
81698.	81832.	81956.	81974.	82030.	82044.	82069.
82095.	82129.	82147.	82158.	82162.	82234.	82252.
82273.	82285.	82305.	82345.	82355.	82401.	82482.
82483.	82492.	82496.	82530.	82550.	82583.	82685.
82686.	82687.	82710.	82744.	82809.	82830.	82832.
82834.	82844.	82861.	82907.	82975.	82980.	83044.
83085.	83107.	83110.	83138.	83225.	83254.	83279.
83287.	83307.	83322.	83335.	83430.	83436.	83454.
83528.	83550.	83594.	83721.	83760.	83804.	83806.
83811.	83858.	83881.	83975.	83981.	83998.	84042.
84222.	84234.	84248.	84280.	84302.	84335.	84362.
84462.	84557.	84559.	84677.	84850.	85242.	88440.

Amendment Proceedings

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that The Cotton Silk And Man-Made Fibres Research Association, a British Association of Shirley Institute, Didsbury, Manchester 20, in the County of Lancaster, England, Textile Research Association, seek leave to amend the description in the specification in respect of Patent application No. 82398. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

Renewal Fees Paid

41365.	41510.	41836.	43191.	43199.	43358.	43362.
43400.	45197.	45350.	45351.	45437.	46735.	47275.
47322.	47371.	47425.	47428.	47451.	47470.	47596.
49302.	49556.	49698.	49736.	49812.	51452.	51812.
51819.	51857.	51968.	51999.	52000.	52057.	52109.
52163.	52193.	52339.	52396.	52400.	52418.	53006.
54478.	54479.	54480.	54481.	54497.	54499.	54610.
54674.	54716.	54767.	54798.	54801.	54815.	55114.
57012.	57254.	57353.	57364.	57368.	57445.	57460.
57495.	57510.	57517.	57552.	57573.	57628.	57697.
57721.	57744.	57852.	57912.	57931.	60115.	60249.
60402.	60440.	60493.	60537.	60575.	60601.	60649.
60652.	60700.	60702.	60709.	60724.	60725.	60731.
60740.	60753.	60768.	60775.	60807.	60808.	60856.
60858.	60889.	60898.	60919.	61163.	61170.	61171.
61172.	61208.	62651.	63629.	63821.	63953.	63958.
63998.	64100.	64102.	64145.	64151.	64181.	64183.

64196.	64228.	64259.	64264.	64283.	64310.	64357.
64378.	64379.	64384.	64385.	64403.	64405.	64439.
64484.	64600.	64673.	64739.	64759.	64765.	64948.
64975.	65040.	65125.	65569.	65836.	65847.	66642.
66959.	67183.	67532.	67558.	67559.	67560.	67585.
67610.	67625.	67628.	67642.	67775.	67798.	67807.
67808.	67846.	67848.	67896.	67912.	67924.	67927.
67940.	67948.	67949.	67954.	67967.	67970.	67972.
67993.	67998.	68000.	68001.	68014.	68028.	68041.
68054.	68062.	68063.	68077.	68082.	68104.	68105.
68109.	68110.	68111.	68131.	68150.	68205.	68213.
68281.	68339.	68347.	68366.	68431.	68442.	68443.
68444.	68500.	68535.	68544.	69029.	69269.	69404.
69616.	69703.	70083.	71039.	71628.	71650.	71707.
71714.	71715.	71738.	71743.	71780.	71799.	71808.
71812.	71814.	71822.	71834.	71859.	71876.	71883.
71904.	71907.	71937.	71988.	72004.	72013.	72033.
72034.	72038.	72086.	72089.	72098.	72099.	72100.
72105.	72110.	72113.	72135.	72165.	72168.	72177.
72227.	72273.	72275.	72319.	72332.	72346.	72385.
72418.	72424.	72427.	72431.	72432.	72474.	72499.
72520.	72540.	72546.	72625.	72634.	72652.	72742.
72774.	72846.	72868.	73055.	73129.	73258.	73615.
76943.	77017.	77105.	77130.	77232.	79741.	

Cessation of Patents

42515.	42519.	42533.	44234.	44401.	46489.	46505.
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70293.	70296.	70297.	70314.	70318.	70319.	70327.
70330.	70335.	70341.	70342.			

Restoration Proceedings

(1)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911, for the restoration of the following patent :—

No. 48373—*Atma Nand*.

The Patent ceased on the 5th November 1961, owing to non-payment of renewal fee within the prescribed time and cessation of the Patent was notified in Part III, Section 2, of the Gazette of India, dated the 7th July 1962. The application for restoration of the Patent made by Smt. Lilawati on the 8th August 1963, has since been treated as abandoned.

(2)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911, for the restoration of the following patent :—

No. 64258—*Technical Enterprises Inc. & another*.

The Patent ceased on the 3rd June 1962 owing to non-payment of renewal fee within the prescribed time and the cessation of the Patent was notified in Part III, Section 2, of the Gazette of India, dated the 9th February 1963. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at The Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 4th July 1964.

(3)

An order has been made on the 28th April 1964, restoring the Patent No. 54926 dated as of the 12th July 1955 granted to Takayasu Inoue for "a pocket size cheque protector".

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 121407. Mrs. Annamma Abraham, 8, Nyniappa Mudaly Street, Madras-28, India, Indian National "Tamil printing type faces", February 29, 1964.

- Class 3. No. 120492. Biswa Nath Shukla & Sons, Shukla Street, Kanpur (U.P.), Nationality Indian, partnership concern, "Container", December 16, 1963.
- Class 3. No. 120811. Gemrich Industries, Indian Partnership Firm, Rangoonwala Building, 91, Mohamedali Road, Bombay 2, (Maharashtra), "Containers", January 24, 1964.
- Class 3. No. 121218. Balsara & Co., Private Limited, An Indian Company registered under the Indian Companies' Act, 45, Medows Street, Fort, Bombay-1, Maharashtra, India, "Liquid soap dispenser", February 19, 1964.
- Class 3. No. 121282. Dunlop Rubber Company Limited, a British Company, Fort Dunlop, Erdington, Birmingham 24, England, "A tyre for a vehicle wheel", February 22, 1964.
- Class 3. No. 121413. Bright Brothers Private Limited, a Company incorporated in India, 156A, Tardeo Road, City of Bombay, State of Maharashtra, India, "Bowls", February 29, 1964.
- Class 5. No. 120582. Kartar Singh (An Indian Subject), 3024, Bahadur Garh Road, Delhi, "Wrapper", December 26, 1963.
- Class 13. Nos. 119611, 119613 and 119614. The Crown Spg. & Mfg. Co. Ltd., Gokhale Road (South), Parel, Bombay 13, Maharashtra, Nationality-Indian Company, "Textile goods", September 20, 1963.
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- Class 13. Nos. 120725, 120726, 120728 and 120729. The Asoka Mills Limited, P.B. No. 1050, Naroda Road, Ahmedabad-2 (Gujarat State) (India), "Cotton textile fabrics", January 7, 1964.
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- Class 13. Nos. 120948 to 120961. The Khatau Makanji Spg. & Wvg. Co. Ltd., Laxmi Building, 6, Ballard Road, Bombay 1, Indian Company, "Textile piecegoods", January 30, 1964.
- Class 13. Nos. 121038 to 121046. The Phoenix Mills Limited, an Indian Company, Tulsi Pipe Line Road, Lower Parel, Bombay 13, "Textile goods", February 7, 1964.
- Class 13. No. 121067. The Bombay Dyeing & Mfg. Co. Ltd., an Indian Company incorporated in India, Neville House, Ballard Estate, Bombay-1, "Cotton textiles", February 10, 1964.
- Class 13. Nos. 121140 and 121141. Shree Ram Mills Ltd., Fergusson Road, Bombay 13, a Company incorporated under the Laws of India, "Textile goods", February 12, 1964.
- Class 13. Nos. 121248 to 121251. The Sassoon Spinning & Weaving Co Ltd., Indian Company, Mafatlal House, Backbay Reclamation, Bombay-1, "Textile goods", February 20, 1964.
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- Class 13. No. 121805. The Crown Spg. & Mfg. Co. Ltd., Gokhale Road (South), Parel, Bombay 13, Maharashtra, Nationality-Indian Company, "Textile goods", April 3, 1964.
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- Class 14. 119612. The Crown Spg. & Mfg. Co. Ltd., Gokhale Road (South), Parel, Bombay 13, Maharashtra, Nationality-Indian Company, "Textile goods", September 20, 1963.
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- Class 14. Nos. 12915 and 12916. The Asoka Mills Ltd., Post Box No. 1050, Ahmedabad 2 (Gujarat State), Nationality : Indian, "Cotton textile fabrics", April 13, 1964.

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A. JOGARAO

Controller-General of Patents,
 Designs and Trade Marks.